

AUTHOR INDEX

Volume 9

- AHLBORG, B. *see* SAMUELSON, B.
AHLQVIST, J., *see* HARILAINEN, A.
ALEXANDERSSON, R., *see* DAHLQVIST, M.
ANDERSSON, S., BJERLE P., HENTSCHEL, J., KRONSTRÖM A. & NIKLASSON, U.
Continuous and stepwise cystometry through suprapubic catheters — effect of
infusion pattern and infusion rate on the cystometrogram of the normal human
bladder 89
ARBORELIUS, M., JR, *see* ROSBERG, H.-E.

BENGTTSSON, M., *see* BRUDIN, L. H.
BERGSTRÖM, B., MANHEM, P., BRAMNERT, B., LILJA, B. & SUNDKVIST, G.
Impaired responses of plasma catecholamines to exercise in diabetic patients
with abnormal heart rate reactions to tilt 259
BIRKELAND, S., *see* WESTBY, J.
BJERLE, P., *see* ANDERSSON, S.
BLACKMON, J. R., *see* ROWELL, L. B.
BRAMNERT, B., *see* BERGSTRÖM, B.
BREUM, L., *see* VOLLMER-LARSEN, B.
BROMAN, L., *see* LINNARSSON, D.
BROMAN, M., *see* LINNARSSON, D.
BROSTRÖM, L.-Å., *see* LINNARSSON, D.
BRUDIN, L. H., LANDGREN, I. M., BENGTTSSON, M. & OHLIN, P. A modified
method of curve analysis in foot volumetry and its reference values 189
BUTLER, J., *see* SCHRIJEN, F. V.

CARTON, D., *see* SCHRIJEN, F. V.
CHRISTIANSEN, C., *see* HASSAGER, C.
CONVERTINO, V. A., *see* KINZER, S. M.
CUNNINGHAM, D. A., *see* RICE, C. L.

DAHLQVIST, M., ALEXANDERSSON, R., NIELSEN, J. & HEDENSTIERNA, G. Single
and multiple breath nitrogen wash-out — closing volume and volume of
trapped gas for detection of early airway obstruction 389
DAMKJÆR NIELSEN, M., *see* HARTLING, O. J.
DELORME, N., *see* SCHRIJEN, F. V.

- DROTT, C., PERSSON, H. & LUNDHOLM, K. Cardiovascular and metabolic weight response to adrenaline infusion in weight-losing patients with and without cancer 427
- EDENBRANDT, L., *see* JAKOBSSON, A.
- EDLUND, A., STRÅÅT, E. & HENRIKSSON, P. Infusion of adenosine provokes myocardial ischaemia in patients with ischaemic heart disease 307
- EKLÖF, L., *see* LINNARSSON, D.
- ELIA, M., *see* FULLER, N. J.
- ELIASSEN, C., *see* HÜTTEMEIER, P. C.
- ENGVAL, J., NYLANDER, E. & WRANNE, B. Arm and ankle blood pressure response to treadmill exercise in normal people 517
- ENTERLING, D., *see* DE MAY, C.
- ERIKSSON, L. S., THÖRNE, A. & WAHREN, J. Diet-induced thermogenesis in patients with liver cirrhosis 131
- FAGRELL, B., *see* SCHUBERT, V.
- FARIS, I., *see* ZOLTIE, N.
- FRANCO-CERECEDA, A., *see* RUDEHILL, A.
- FUCHI, T., *see* HIGUCHI, M.
- FULLER, N. J. & ELIA, M. Does mitochondrial compartmentation of CO₂ exist in man? 345
- FUNCH-ROSENBERG, H., *see* GROTH, S.
- GJØRUP, T., *see* HARTLING, O. J.
- GRAFF LARSEN, O., *see* VOLLMER-LARSEN, B.
- GRANERUS, G. MÅRE, K. & SOHTELL, L. Evaluation of intermittent drainage of the renal pelvis as seen in the isotope renogram 161
- GREEN, H. J. & JONES, S. R. Does post-tetanic potentiation compensate for low frequency fatigue? 499
- GRONG, K., *see* WESTBY, J.
- GROTH, S., FUNCH-ROSENBERG, H., MORTENSEN, J. & ROSSING, N. ^{99m}Technetium^m DTPA does not break down during ultrasound nebulization 151
- GUNNES, P., *see* SMISETH, O. A.
- HALLBERG, D., *see* THÖRNE, A.
- HANSEN-SCHMIDT, S., *see* DE MAY, C.
- HARILAINEN, A., AHLQVIST, J., LALLA, M., MYLLYNNEN, P. & ROKKANEN, P. Colloid osmotic and hydrostatic pressures and energy metabolism in high-protein joint swelling. A preliminary study of traumatic effusions of the knee 221
- HARTIALA, J., *see* KORKEILA, P.
- HARTLING, O. J., KELBÆK, H., GJØRUP, T., DAMKJÆR NIELSEN, M. & TRAP-JENSEN, J. Plasma concentrations of adrenaline, noradrenaline and dopamine during forearm dynamic exercise 399

- HASSAGER, C., SØLVSTEN SØRENSEN, S., NIELSEN, B. & CHRISTIANSEN, C. Body composition measurement by dual photon absorptiometry: comparison with body density and total potassium measurements 353
- HEDENSTIERNA, G. New aspects on atelectasis formation and gas exchange impairment during anaesthesia 407
- HEDENSTIERNA, G., *see* DAHLQVIST, M.
- HEMSÉN, A., *see* RUDEHILL, A.
- HENRIKSEN, J. H., *see* REHLING, M.
- HENRIKSSON, P., *see* EDLUND, A.
- HENRIQUEZ, A., *see* SCHRIJEN, F. V.
- HENTSCHEL, J., *see* ANDERSSON, S.
- HIETANEN, E., *see* KORKEILA, P.
- HIGUCHI, M., IWAOKA, K., FUCHI, T., KOBAYASHI, S., TAMAI T., TAKAI, H. & NAKAI, T. Relation of running distance to plasma HDL-cholesterol level in middle-aged male runners 121
- HOLMGREN, A., *see* IVERT, T.
- HÜTTEMEIER, P. C., ELIASSEN, K., RINGSTED, C., MOGENSEN, T., JENSEN, H. & LEVIN NIELSEN, S. Right and left ventricular performance during endotoxin-induced pulmonary hypertension in sheep 57
- HYLDSTRUP, L., *see* REHLING, M.
- HYÖDYNMAA, S., *see* MUSTONEN, J.
- ILLÉS, L., *see* NELSON, N.
- IVERT, T., PEHRSSON, S. K., LANDOU, C., MAGDER, S. & HOLMGREN, A. Blood volume after coronary artery bypass grafting 547
- IWAOKA, K., *see* HIGUCHI, M.
- JAKOBSSON, A., PAHLM, O., REICHERT, L., EDENBRANDT, L. & NILSSON, B. On the consistency of ECG reports from two different computer-based ECG recorders 289
- JENSEN, H., *see* HÜTTEMEIER, P. C.
- JOHANSSON, M.-B. & WOLLMER, P. Measurement of carboxyhaemoglobin by spectrophotometry and gas chromatography 581
- JONASON, T., *see* RINGQVIST, I.
- JONES S. R., *see* GREEN, H. J.
- JORFELDT, L., *see* SAMUELSON, B.
- KAUSER, L., *see* PERNOW, J.
- KÄRKKÄINEN, A., *see* MUSTONEN, J.
- KELBÆK, H., *see* HARTLING, O. J.
- KELLER, N., *see* VOLLMER-LARSEN, B.
- KHAN, A. R., *see* RINGQVIST, I.
- KINZER, S. M. & CONVERTINO, V. A. Role of leg vasculature in the cardiovascular response to arm work in wheelchair-dependent populations 525

- KOBAYASHI, S., *see* HIGUCHI, M.
- KORKEILA, P., HIETANEN, E., PARVIAINEN, S., VIRKKI, R. & HARTIALA, J.
Exercise thallium-201 scintigraphy in the localization of myocardial ischaemia 555
- KRONSTRÖM, A., *see* ANDERSSON, S.
- KVITTING, P., *see* WESTBY, J.
- LALLA, M., *see* HARILAINEN, A.
- LANDGREN, I. M., *see* BRUDIN, L. H.
- LANDOU, C., *see* IVERT, T.
- LÄNSIMIES, E., *see* MUSTONEN, J.
- LARSEN, J., *see* VOLLMER-LARSEN, B.
- LEFCOE, M. S., *see* RICE, C. L.
- LEKVEN, J., *see* WESTBY, J.
- LEPPERT, J. Limitation of finger systolic pressure measurement as a diagnostic test for primary Raynaud's phenomenon in a female population 457
- LEVIN NIELSEN, S., *see* HÜTTEMEIER, P. C.
- LEXELL, J. & TAYLOR, C. C. Variability in muscle fibre areas in whole human quadriceps muscle: how to reduce sampling errors in biopsy techniques 333
- LILJA, B., *see* BERGSTRÖM, B.
- LINNARSSON, D., MATTSSON, E., EKLÖF, L., BROMAN, L., BROMAN, M. & BROSTRÖM, L.-Å. Determination of the oxygen cost of level walking 1
- LONGHURST, J. C., *see* MCKIRNAN, M. D.
- LUND, F., *see* PERBECK, L.
- LUND, F., *see* WALLIN, L.
- LUNDBERG, J. M., *see* RUDEHILL, A.
- LUNDBERG, J. M., *see* PERNOW, J.
- LUNDHOLM, K., *see* DROTT, C.
- MCKIRNAN, M. D., STEBBINS, C. L. & LONGHURST, J. C. Effects of chronic dobutamine administration on the response to acute exercise in dogs 11
- MAGDER, S., *see* IVERT, T.
- MANHEM, P., *see* BERGSTRÖM, B.
- MÄRE, K., *see* GRANERUS, G.
- MATTSSON, E., *see* LINNARSSON, D.
- DE MAY, C., HANSEN-SCHMIDT, S., ENTERLING, D. & MEINEKE, I. Time course and nature of postprandial haemodynamic changes in normal man 77
- MEINEKE, I., *see* DE MAY, C.
- MELCHER, A. & SYLVÉN, C. Chest pain and oesophageal pressure relationships in man following an intravenous bolus of adenosine 441
- MJØS, O. D., *see* SMISETH, O. A.
- MOGENSEN, T., *see* HÜTTEMEIER, P. C.
- MORTENSEN, J., *see* GROTH, S.

- MUSTONEN, J., LÄNSIMIES, E., UUSITUPA, M., TALWAR, S., HÖDYNMAA, S. & KÄRKÄINEN, A. Testing of autonomic cardiovascular regulation—methodological considerations 249
- MYLLYNEN, P., *see* HARILAINEN, A.
- MYRENG, Y. & NITTER-HAUGE, S. Age-dependency of left ventricular filling dynamics and relaxation as assessed by pulsed Doppler echocardiography 99
- NAKAI, T., *see* HIGUCHI, M.
- NELSON, N. & ILLÉS, L. The Q-oT_c and Q-T_c interval and ionized calcium in newborns 39
- NIELSEN, B., *see* HASSAGER, C.
- NIELSEN, J., *see* DAHLQVIST, M.
- NIKLASSON, U., *see* ANDERSSON, S.
- NILSSON, B., *see* JAKOBSSON, A.
- NILSSON, G., *see* RINGQVIST, I.
- NITTER-HAUGE, S., *see* MYRENG, Y.
- NYLANDER, E., *see* ENGVALL, J.
- OHLIN, P., *see* BRUDIN, L. H.
- PAHLM, O., *see* JAKOBSSON, A.
- PARVIAINEN, S., *see* KORKEILA, P.
- PATERSON, D. H., *see* RICE, C. L.
- PEHRSSON, S. K., *see* IVERT, T.
- PERBECK, L., LUND, F. & THULIN, L. Intrathoracic microvascular circulation in haemorrhagically shocked rats. Studies by fluorescence techniques 567
- PERNOW, J., *see* RUDEHILL, A.
- PERNOW, J., LUNDBERG, J. M. & KAUJER, L. Effect of oral administration of nifedipine on norepinephrine Y- and noradrenaline-induced vasoconstriction in the human forearm 67
- PERSSON, H., *see* DROTT, C.
- RABØL, A., *see* REHLING, M.
- REHLING, M. & RABØL, A. Measurement of glomerular filtration rate in adults: accuracy of five single-sample plasma clearance methods 171
- REHLING, M., HYLDSTRUP, L. & HENRIKSEN, J. H. Arterio-venous concentration difference of [⁵¹Cr]EDTA after a single injection in man. Significance of renal function and local blood flow 279
- REICHERT, L., *see* JAKOBSSON, A.
- RICE, C. L., CUNNINGHAM, D. A., PATERSON, D. H. & LEFCOE, M. S. Arm and leg composition determined by computed tomography in young and elderly men 207
- RINGQVIST, I., JONASON, T., NILSSON, G. & KHAN, A. R. Diagnostic value of longterm ambulatory ECG in patients with syncope, dizziness or palpitations 47

- RINSTED, C., *see* HÜTTEMEIER, P. C.
- ROKKANEN, P., *see* HARILAINEN, A.
- ROSBERG, H.-E., WIBERG, R. & ARBORELIUS, M., JR. Nitrogen dead space in heavy smokers aged 44-58 years 233
- ROSSING, N., *see* GROTH, S.
- ROWELL, L. B. & BLACKMON, J. R. Hypotension induced by central hypovolaemia and hypoxaemia 269
- RUDEHILL, A., FRANCO-CERECEDA, A., HEMSÉN, A., STENSDOTTER, M., PERNOW, J. & LUNDBERG, J. M. Cigarette smoke-induced elevation of plasma neuropeptide Y levels in man 243
- SAMUELSON, B., JORFELDT, L. & AHLBORG, B. Influence of vibration on endurance of maximal isometric contraction 21
- SAND, T., *see* SMISETH, O. A.
- SCHRIJEN, F. V., HENRIQUEZ, A., CARTON, D., DELORME, N. & BUTLER, J. Pulmonary vascular resistance rises with lung volume on exercise in obstructed airflow disease 143
- SCHUBERT, V. & FAGRELL, B. Local skin pressure and its effects on skin microcirculation as evaluated by laser-Doppler fluxmetry 535
- SCHWARTZ, K., *see* WALDENSTRÖM, A.
- SKOGLUND, C. R. Vasodilatation in human skin induced by low-amplitude high-frequency vibration 361
- SMISETH, O. A., GUNNES, P., SAND, T. & MJØS, O. D. Inosine causing insulin release and increased myocardial uptake of carbohydrates relative to free fatty acids in dogs 27
- SOHTELL, L., *see* GRANERUS, G.
- SØLVSTEN SØRENSEN, S., *see* HASSAGER, C.
- STEBBINS, C. L., *see* MCKIRNAN, M. D.
- STENSDOTTER, M., *see* RUDEHILL, A.
- STRÅÅT, E., *see* EDLUND, A.
- SUNDKVIST, G., *see* BERGSTRÖM, B.
- SUNDQVIST, K. & SYLVÉN, C. Cardiac repolarization properties during standardized exercise test as studied by QT, QT peak and terminated T-wave intervals 419
- SWYNGHEDAUW, B., *see* WALDENSTRÖM, A.
- SYLVÉN, C., *see* MELCHER, A.
- SYLVÉN, C., *see* SUNDQVIST, K.
- TAKAI, H., *see* HIGUCHI, M.
- TALWAR, S., *see* MUSTONEN, J.
- TAMAI, T., *see* HIGUCHI, M.
- TAN, E., *see* ZOLTIE, N.
- TAYLOR, C. C., *see* LEXELL, J.

- THÖRNE, A. & WAHREN, J. Beta-adrenergic blockade does not influence the thermogenic response to a mixed meal in man 321
- THÖRNE, A. & WAHREN, J. Diet-induced thermogenesis in well-trained subjects 295
- THÖRNE, A., *see* ERIKSSON, L. S.
- THÖRNE, A., HALLBERG, D. & WAHREN, J. Meal-induced thermogenesis in obese patients before and after weight reduction 481
- THULIN, L., *see* PERBECK, L.
- TRAP-JENSEN, J., *see* HARTLING, O. J.
- TURJANMAA, V. Determination of blood pressure level and changes in physiological situations: comparison of the standard cuff method with direct intra-arterial recording 373
- UUSITUPA, M., *see* MUSTONEN, J.
- VIRKKI, R., *see* KORKEILA, P.
- VOLLMER-LARSEN, A., *see* VOLLMER-LARSEN, B.
- VOLLMER-LARSEN, B., VOLLMER-LARSEN, A., GRAFF LARSEN, O., BREUM, L., LARSEN, J. & KELLER, N. Atrial natriuretic factor during exercise in male endurance athletes: effect of training 449
- WAHREN, J., *see* ERIKSSON, L. S.
- WAHREN, J., *see* THÖRNE, A.
- WALDENSTRÖM, A., SCHWARTZ, K. & SWYNGHEDAUW, B. Cardiac hypertrophy: from fetal to fatal? 315
- WALLIN, L., LUND, F. & WESTLING, H. Fluorescein angiography and distal arterial pressure in patients with arterial disease of the legs 467
- WENNMALM, Å. & WENNMALM, M. Coffee, catecholamines and cardiac arrhythmia 201
- WENNMALM, M., *see* WENNMALM, Å.
- WESTBY, J., KVITTING, P., BIRKELAND, S., GRONG, K. & LEKVEN, J. Does α 1-adrenergic blockade influence regional blood flow regulation in hearts with coronary artery occlusion? 107
- WESTLING, H., *see* WALLIN, L.
- WIBERG, R., *see* ROSBERG, H.-E.
- WOLLMER, P., *see* JOHANSSON, M. B.
- WRANNE, B., *see* ENGVALL, J.
- YOUNG, C., *see* ZOLTIE, N.
- ZOLTIE, N., YOUNG, C., FARIS, I. & TAN, E. The veno-arteriolar reflex in free skin flaps 183